

SIDE ONE

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 193-20,514-00-00

County Thomas

NE SW Sec. 14 Twp. 10S Rge. 31 X East West

1980 Ft. North from Southeast Corner of Section

3300 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

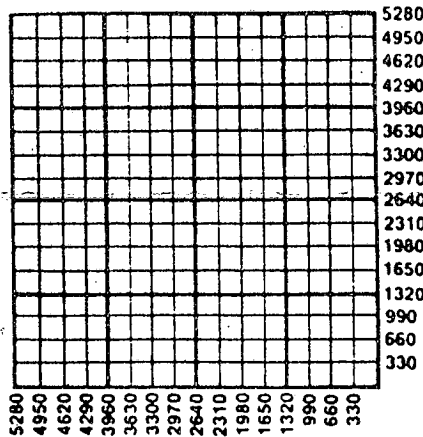
Lease Name Shea Well # 2-14

Field Name Wildcat

Producing Formation NA

Elevation: Ground 2968 KB 2973

Total Depth 4692 PBTD 4576



8-17-90

Amount of Surface Pipe Set and Cemented at 313 Feet

Multiple Stage Cementing Collar Used? X Yes No

If yes, show depth set 2561 Feet

If Alternate II completion, cement circulated from 2561

feet depth to surface w/ 500 sx cmt.

Operator: License # 3295

Name: David W. Clothier

Address 225 N. Market

Suite 333

City/State/Zip Wichita, KS 67202

Purchaser: Koch

Operator Contact Person: David W. Clothier

Phone (316) 267-9227

Contractor: Name: Murfin Drilling Company

License: 6033

Wellsite Geologist: _____

Designate Type of Completion

X New Well Re-Entry Workover

X Oil SWD Temp. Abd.

 Gas Inj Delayed Comp.

 Dry Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date Old Total Depth

Drilling Method:

X Mud Rotary Air Rotary Cable

04-14-90 04-21-90 04-21-90
Spud Date Date Reached TD Completion Date

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature [Signature]

Title Jack E. Goss, Agent for Operator Date 05-10-90

Subscribed and sworn to before me this 10th day of May, 19 90.

Notary Public Melanie Rau

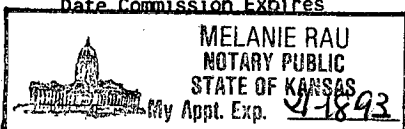
Date Commission Expires 05-10-90

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
 C ✓ Wireline Log Received
 C Drillers Timelog Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

SEP 13 1990
 CONSERVATION DIVISION
 Wichita, Kansas



JANUARY

SIDE TWO

Operator Name David W. Clothier Lease Name Shea Well # 2

Sec. 14 Twp. 10S Rge. 31 East West
County Thomas

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
(Attach Additional Sheets.)
Samples Sent to Geological Survey Yes No
Cores Taken Yes No
Electric Log Run Yes No
(Submit Copy.)

DST#1, 4192-4302, GTS/90", TSTM, Rec.-610'
CGO, 1347' GMCO, IFP 193-514#/30"; ISIP 1198#/
60"; FFP 560-769#/60"; FSIP 1108#/60"
DST#2, 4337-4450, Rec. 1' oil, 240' oil cut
mud, 120' OCWM, 180' OCW, IFP 74-182#/30"
ISIP 1070#/,45", FFP 204-285#/45", FSIP 1055#/
DST#3, 4445-4545, Rec. 5'M, IFP 57-46#/30"
ISIP 967#/45", FFP 48-48#/30", FSIP 623#/30"

Formation Description		
	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample
Name	Top	Bottom
Anhydrite	2540(+433)	
Topeka	3771(-798)	
Heebner	3948(-1011)	
Lansing	4027(-1054)	
Stark	4240(-1267)	
BKC	4300(-1327)	
Marmaton	4322(-1359)	
Pawnee	4416(-1443)	
Ft. Scott	4480(-1507)	
Cherokee	4511(-1538)	
Mississippi	4642(-1669)	

CASING RECORD New Used
Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8-5/8"		313	60/40 Poz	190	2% gel, 3% cc
Production		5 1/2"		46/2	Surefill	160	
					50/50 Poz	50	
					Lite	500	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
Shots Per Foot	Specify Footage of Each Interval Perforated	Amount	Depth
4289-96 4SPF		750galMCA	
		1500 gal 15%NE	
4210-16	4spf	500gal 15% NE	
		1500 gal 15% NE	

TUBING RECORD Size 2-3/8 Set At 4376 Packer At _____
Liner Run Yes No

Date of First Production 5/15/90 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	60				15			39

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled
 Other (Specify) _____



15-193-20514-00-001
ORIGINAL
 CUSTOMER
 INVOICE DATE
 04/14/90

DIRECT BILLING INQUIRIES TO: 713-895-5821	TERMS NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	REMIT TO: B.J. SERVICES P.O. BOX 100806 HOUSTON, TX 77212
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PAGE 1	INVOICE NO. RX035
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DAVID W CLOTHIER
 225 N. MARKET
 WICHITA

Central East Caseing
 KS 67202

AUTHORIZED BY 609674

PURCH. ORDER REF. NO.

WELL NUMBER : 2-14

CUSTOMER NUMBER : 11647000

LEASE NAME AND NUMBER SHEA	STATE 14	COUNTY/PARISH	CITY	DISTRICT NAME OAKLEY	DISTR. NO. 3320
JOB LOCATION/FIELD	MTA/DISTRICT	DATE OF JOB 04/14/90	TYPE OF SERVICE LAND-CONDUCTOR/SURFACE		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10100305	1.00	CEMENTING CASING 300 TO 1500 FT.	375.00		375.00
10100310	13.00	PLUS PER FOOT BELOW 300 FT.	0.42		5.46
10109005	20.00	MILEAGE CHRG, FROM NEAREST BASE OF	1.10		22.00
10410504	114.00	CLASS "A" CEMENT	6.00	CF	684.00
10415018	76.00	DIAMIX F	3.62	CF	275.12
10415049	480.00	A-7-P CALCIUM CHLORIDE PELLETS	0.33	LB	158.40
10420145	3.00	BJ-TITAN GEL, BENTONITE, BULK SALES	6.75	CW	20.25
10430539	1.00	8 5/8" TOP HOLE (SURFACE) PLUG	17.00	EA	17.00
10880085	190.00	MIXING CUSTOMERS MATERIALS, PER CUB	0.95		180.50
10940101	86.00	DRAYAGE, PER TON MILE	0.70		60.20
SUBTOTAL					1,797.93
DISCOUNT					359.58

ACCOUNT	4.25000% STATE TAX 1.00000% COUNTY TAX	RECEIVED STATE COMMISSION AUG 15 1990 CONSERVATION DIVISION Wichita, Kansas	923.82 923.82	39.27 9.24
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TAX EXEMPTION STATUS:	PAY THIS AMOUNT →	1,485.86
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ORIGINAL

CUSTOMER. INVOICE DATE 04/21/90

DIRECT BILLING INQUIRIES TO: 713-895-5821	TERMS NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	REMIT TO: B.J. SERVICES P.O. BOX 100806 HOUSTON, TX 77212
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PAGE 1	INVOICE NO. R2058
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DAVID W CLOTHIER
225 N. MARKET
WICHITA

AUTHORIZED BY 609686

K8 67202

PURCH. ORDER REF. NO.

WELL NUMBER : 2-14

CUSTOMER NUMBER : 11647000

LEASE NAME AND NUMBER SLEA	STATE 14	COUNTY/PARISH	CITY OAKLEY	DISTRICT NAME	DISTR. NO. 3320
JOB LOCATION/FIELD		MTA DISTRICT	DATE OF JOB 04/21/90	TYPE OF SERVICE LAND-LONG STRING/PRODUC	

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10100320	1.00	CEMENTING CASING 3001 TO 5000 FT.	879.00		879.00
10100325	18.00	PLUS PER 100 FT. BELOW 3000 FT.	9.80		176.40
10101504	1.00	ADD STAGES, CONTINUOUS OR INTERMITT	695.00		695.00
10109005	20.00	MILEAGE CHR.G. FROM NEAREST BASE OF	1.10		22.00
10410504	185.00	CLASS "A" CEMENT	6.00	CF	1,110.00
10415005	500.00	LITE	5.56	CF	2,780.00
10415018	25.00	DIAMIX F	3.62	CF	90.50
10415049	113.00	A-7-P CALCIUM CHLORIDE PELLETS	0.33	LB	37.29
10420145	4.00	BJ-TITAN GEL, BENTONITE, BULK SALES	6.75	CW	27.00
10428020	9.00	A-10 GYPSEAL	14.60	CW	131.40
10425010	500.00	MUD-SWEEP, WITH BJ-TITAN PUMPING EQ	1.45	GL	725.00
10415080	10.00	GILSONITE	33.00	CW	330.00
10880085	710.00	MIXING CUSTOMERS MATERIALS, PER CUB	0.95		674.50
10940101	326.00	DRAYAGE, PER TON MILE	0.70		228.20
10409600	1.00	D V TOOL 5 1/2 B	3,134.55	GL	3,134.55
10409600	1.00	GUIDE SHOE 5 1/2 B	123.75	GL	123.75

RECEIVED
STATE COMMISSION
AUG 15 1990
CONSERVATION DIVISION
Wichita, Kansas

ACCOUNT

TAX EXEMPTION STATUS:



CUSTOMER.

INVOICE DATE
04/21/90

DIRECT BILLING INQUIRIES TO: 713-895-5821	TERMS NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	REMIT TO: B.J. SERVICES P.O. BOX 100806 HOUSTON, TX 77212
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PAGE	INVOICE NO
2	R2058

DAVID W CLOTHIER
225 N. MARKET
WICHITA

KS 67202
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AUTHORIZED BY
609686

PURCH. ORDER REF. NO.

WELL NUMBER : 2-14

CUSTOMER NUMBER : 11647000

LEASE NAME AND NUMBER SLEA	STATE 14	COUNTY/PARISH	CITY	DISTRICT NAME OAKLEY	DISTR. NO. 3320
JOB LOCATION/FIELD	MTA DISTRICT		DATE OF JOB 04/21/90	TYPE OF SERVICE LAND-LONG STRING/PRODUC	

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10409600	1.00	INSERT VALVE 5 1/2 B	187.20	GL	187.20
10409600	9.00	CENTRALIZER 5 1/2 B	46.80	GL	421.20
10409600	1.00	CENTRALIZER BASKET 5 1/2	187.20	GL	187.20
10409600	1.00	CENTRALIZER 5 1/2 B	37.44	GL	37.44
10409600	1.00	CENTRALIZER BASKET 5 1/2	149.76	GL	149.76
SUBTOTAL					12,147.39
DISCOUNT					2,510.14

ACCOUNT	4.25000% STATE TAX 1.00000% COUNTY TAX RECEIVED STATE COMMISSION AUG 15 1990 CONSERVATION DIVISION Wichita, Kansas	7514.94 7514.94	319.39 75.17
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TAX EXEMPTION STATUS:

PAY THIS AMOUNT

10,031.81